

# A A A A MODEL AIRPLANE Cheet WILLOW GROVE

WILLOW GROVE NAVAL AIR STATION

July 24 /0 30

Philmonters BE THERE, WITH PHILMONT!



# Volume 11 July 1961 No.7

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The 'Blurb' is published b	
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DEADLINES	MICH CONSTRUCTO CYCING.
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1961 CLUB OFFICERS	
Pres. Char. M. Snyder	W3NIP
V. Pres. Lloyd Sherman	W3CDY
Tress. Chas. Greenwood	
Sec. Ed. E. Moore	W3EQY
Brd. of Dir: W3's NIP, VVS	is things Made and thought
MEETINGS WINDS	all 1961 Blub officers
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Regular meetings are norma	or the enlander of
Monday of the month. Chec	
right for the exact date	
at the FRANKLIN INSTITUTE	
Parkway, starting at 2000	nours (8 PM)
NET AND NET FREQUENCIES	
Ch 1 - 29493 Kes.	Ch 3- Unassigned
Ch 2 - 29629 Kcs.	Ch h - 50.7 Mcs.
Scrambled Egg Net Weekdays	
Ten on Ten Sundays	1000 - 1100
Blarney sessions enytime	Ch 1 or 2
29493 Monitored daily	0930 - 2400
TON the benefit of wohiles	in the Phila area

# FMRC CALENDER

July 3 REGULAR MEETING 8PM FRANKLIN INSTITUTE

# COMING MID-MONTH MEETINGS

July W3QQE
August W3NIP
September W3CDY
October W3COW
November KJGNM
December K3GNJ

SEND ALL COMMUNICATIONS FOR THE "BLURB" TO THE EDITOR W3ZPP

# COMING EVENTS

July 24-30 Model Airplane Meets The Field Day week-ead brings out a lot of people we havn't heard from for a while. I n fact if some one were to do nothing but log all the stations heard on Phil-Mont Channel one, I think the numbers would be next to phenomenal for one frequency: It doesn't start just with 5 PM on Saturday either! Several days previous you can hear the preparations, not just Phil-Mont preparations but most of the other area groups as well. It does your heart good just to see what a gathering frequency has established.

I don't believe there is snything quite like it snywhere else in the country. How did it get that way? Maybe Field Day is responsible; maybe its' our Sunday ten on ten; maybe its' the mobile operation on the frequency. Most likely its all of

these and the results are most apparent on Field Day.

There are none in the Phil-Mont area who get om ten meters on Field Day who don't arrive at the same conclusion: If you want to makecontacts-go to Phil-Mont Channel One: Let's see why. Suppose there are six Phil-Monters on the way to or from the Field Day site. Suppose an equal number are in their cars at choice fixed locations. Twelve stations are on the sir, each trying to work the other-152 separate contacts. A few from other groups tune across this bedlam of heterodynes and hear how these 152 contacts are being racked up! Soon there are 20, then 30 stations making contacts as fast as they can log them.---On Phil-Mont Channel One.

Amidst this someone needs directions to the site, the group, which is quite large by this time politely stands by since they recognise that such things are what made this channel great.

Even at 2AM on Sunday morning when I had a flat tire these eagar Channel Dne contestants stood by while I got directions to an open gas station for some sir---not hot air.

It was fun just to listen -- even more fun to get in there and pitch. To hear all the other clubs congregate on what we like to call "our" frequency was one of the best testimonles to our effectiveness. The members who have divided loyaties with other clubs as well as those clubs who have not connection with Phil mont were all in there using the frequency as it should be used.

Phil-Monters should be proud of such an accomplishment -- regardless of any score we might make in the Field Day contest.

A great time was had by all --- were you in it?

C. M. Snyder W3NIP

2h June broke as a chilly and mainy day, it looked as if we would surely have to curtail much of the planned activities and mobile operation would handle the bulk of Field Day.

Fortunately the rain was short lived. The weather cleared up nicely and the sun came out, so that by the time I arrived at the site things were humming. Antenna's were going up, a refreshment tent was established, the trailer was set up. W3QZO was taking pitures, K3KUD, E3GNJ, K3GBA, W3JPP, W3JYA, W3CHZ, W3EQV, W3NIP, W W3YJM, and W3PWG were working on antenna's. W3YHV was directing things, K3GRM was running around for ice, food etc. W3QQH was getting the putt-putt on the business end of things. Many of the fellows brought along their sons to assist. Unfortunately I had little time to spend at the Field Day site. My wife had fallen down a flight of stairs and was badly bruised. Many other Phil-Monters came and went during the two days all doing their bit. To these unknown soldiers I apologize for not getting their calls listed in this article.

I think from opinions that I could collect everyone enjoyed this Field Day more than the mobile type that had been run in the past two years.

To Mary and Mae who worked in advance of Field Day getting the spaghette sauce and meatballs, which I stored in my freezer and didn't get the chance to taste, and shrimp sauce prepared, the club wishes to thank both of you very very muck. Thanks so much girls:

Win or lose a good time was had by all. It will now we interesting to see which of the Phil-Mont teams win the dinner.

Thanks to Bill, WJYHV for a job well done.

W3ZPP

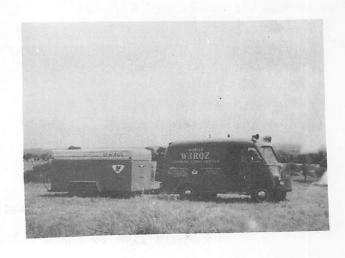
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DID YOU KNOW (K3BGW Delmont Rag Chew)

The prover bial man of success must be a contortionist. Putting his best foot forward, he has to keep his back to the wall, his ear to the ground, his shoulder to the wheel, his nose to the grindstone, keep a level head and then have both feet on the ground.

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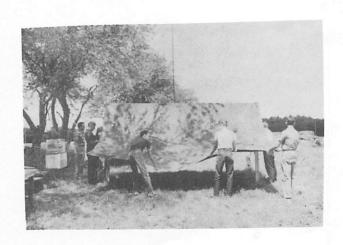














To the Phil-Mont Field Day Gang!

I would like to thank all of the fellows who gave their time and effort to make Field Day a real one. "YJM" was complaining about his "House-Maid's" knees, but his prayers were answered for good weather.

It goes without saying that the workers in the club are to be commended, they just seem to have an unending supply of drive and faithfulness to Phil-Mont which makes us a club to look up to.

The mobiles were really out there every single minute and the score should be real fine, except that we are most likely going to have D\$G free loading on the Field Day dinner.

For all of you that have given of your time to run up the mobile scores please get your F/D logs in, so we can utilize every contact to make the club total as high as possible.

73's

W3YHV

Beam for Sale: 10 meter 4 element wide space 52 ohm match. Top performance used one season. Best Offer W3FXY.

For Sale: Two (2) PE103 Dynamotors complete with base. Both is good working condition. Both with primary leads, one with secondary connector \$6.00 each Both for \$11.00

For Sale:Collins 75A-3 with 5kc and 850 cycle mechanical filters, Collina 100 kc frequency standard and matching speaker. Like new condition Asking \$400.00 W3QZO Tel. VI 8-8112

For Sale or Trade: Gonset G-66 with 6 - 12 -110v power supply. Will trade for BC 79h with power supply and VTVM or will take best offer over \$130.00 W3ZEH Tel. EL6 -0226

Wanted: SSB generator for use on Collins 32V2, crank up tower W3PXY

Wanted: Socket and chimney for 4-1000A

W3AK

Wanted: Good crank up tower.

WBAJO

For Sale: 522 transmitter panel mounted, metered push button freq selection ARC-4 complete with tubes, transmitter-receiver, 6 - 9 ARC 5 RCUR, PE101 12v selonoid W3AK

# For Sale:

1	Collins 75S2 Rovr new with extra crystals Val. \$625.00	\$550.00
1	Johnson T-R switch Val. \$28.00	20.00
1	Johnson match box new Val. \$69.00	30.00
1	Johnson match box used	25.00
1	Hallicrafter HT 37 SSB mmitter new Val \$450.00	350.00
1	Hallicrafter SR34 6 & 2 xmitter-RCVR Val. \$495.00	400 00
1	Gonset G28 10m xmitter RCVR	225.00
1	Drake Phone patch Val.\$40.00	30.00
1	BC 221 with Power supply	50.00
1	B & W Balum 20m	5.00
1	National VFO-62 6 & 2 meters	40.00
	Elmac AF67 with built in relay (new)	125.00
1	Elmac PMR-6 RCVR with TMS	100.00
1	James 12v DC- 115v AC PWR supply	25.00

H. N. Hecht W3WNC 2242 Cambridge Rd. Broomall, Pa. El 6-0831

#### For Sales

Heath Kit 10 enner----Vib. Pack 6v.----whip & bumper mt.--all for \$40.00

Charles Nute W3AVN Tel. MU 8-5533

For Sale: 35mm Kodak Retina 11A with case and Schneider-Kreuznach f2 lens A-1 condition and clean. W3FWI Tel. TR 7-0003

Wanted: Six meter Halo

W3ZPP

For Sale: Here is your chance to own a ham's paradise right in the Northeast section of Philadelphia. Antenna farm consists of a 50ft. crank-up tower with full-size tri-band beam and ham M rotator. 80 meter windom and 10 meter ground plane also included. Areais de-TVied for 1KW operation. Worth the price for this feature alone. 174 countries worked here.

Tower has a single two-story brick colonial home attached. Four bedrooms, one excellent for shack. Powder room on first floor. Full basement with knotty pine recreation room and large workshop area. Other extras include dishwasher, garbage disposal, garage, fenced in backyard, fruit trees, grape arbor, patio and outdoor fireplace, two bedrooms air conditioned, copper hot water tank, spare 807's and numberous other features. Public transporation one block away. Convenient to shopping and schools. Price: \$18.990.

Herman Lukoff, W3HIF 909 Glensiew Street Phila. 11, Pa. Tel. FI 2-7072

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## APPLICATION FOR MEMBERSHIP

Alexander (A1) M. Lewis W3WPD

114 Earlington Rd. Eavertown, Pa.
Wife's name---Muriel
Self employed--dentiat, worked with W3HQJ
Mobile and Home---A1 is interested in Public Relations
Sponsors: W3FOG---K3HIJ

Mason W. Frankenfield W3FER

1h6 Meadowbrook Ave, Upper Darby, Pa.
Wife's name---Catherine
Retired--Will be glad to help out in any capacity.
Sponsors: W3ADV---W3QCV

#### COMM TRUCK GETS NEW LOOK

On 10 June six Philmonters got together and gave the Red Truck a good (and much needed) cleaning and polished it. Those doing the work were Jim QQH, Bob K3KUD, Fred W3DJV, Charlie W3YJM, Enie K3CWJ, Al W3GIF.

Thanks fellows for a job well done, you have made Gumbaudi smile.

#### **特许价价价价价价价价价价价价价价**

#### ALKALINE BATTERIES

RCA is now marketing a new Alkaline battery, supposed to outlast comparable zinc-carbon batteries yet sells at a lower price than premium mercury types.

Designed for use in radios, flashlights, photoflash, toys and electronic insturments.

## 

#### PICNIC ANYONE? ? ? ?

Mt. Airy V.H.F. (Pack Rats) are holding their 6th. annual family day on 13 August 1961. Registration \$1.00 per family. Place-Fort Washington Stake Park, Flourtown, Penna. Follow the "Rat" sign on U.S. Route 309. Time 10:30 AM. Rain date 21 August. Fun-Games Prizes Talk- in frequency 50.2 -- 144.2 Call W3CCX. ALL WELCOME.

#### 

#### QSL CARDS

I hear the QSL cards are ready and were mailed from the printers this week. They were all mailed to W3YHV's. Contact Bill athhe meeting for your cards.

#### **\***

# MODEL AIRPLANE MEET

July 24 through July 30 is model sirplane meets. Operators and mobiles are wanted to help out. Contact Jim, W3QCH if you would like to help. WE NEED YOU.

# BANQUET

A committee has been appointed to look into facilities for our Annual Banquet held in November. If you have any preferences as to where you would like to have banquet make your choice known now and they will be taken into consideration.

#### 

# PHIL - MONT GOES AERONAUTIC

Those of us who attended the June Meeting were well repaid for attending. W3QCV Laurence, presented a very informative and entertaining history of the helicopters. The part he has played in their design and making. I am sure that each of us who were there glance up into the sky at the helicopter with a new and more appreciatative look.

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### QST SUBSCRIPTIONS

Lloyd, W3CDY has now received the required ten subscriptions to start the ball rolling on the subscription deal with ARRL. Those of you who have paid your money can begin to look for your copies in the mail. Anyone desiring to join this plan can do so by getting in touch with Lloyd. Remember you benefit, the club benefits and everyone is happy.

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# BASIC FIRST AIR (Automobile accidents)

Prepared by the American National Red Cross in cooperation with the American Automobile Association.

- 1. Do not move an injured person, unless there is immediate danger. If you must move hime pull him by the feet or shoulders while others support the trunk & head, do not roll or twist the body.
- 2 Stop bleeding by pressing against the wound with a clean cloth, hold until bleeding stops.
- 3. If victim is unconscious, even temporally, suspect head injury. Keep him quiet, if you must move him keep him horizontal.
- h. Shock is present in most imjuries, keep vistim lying down, comfortable, watch those who insist on walking about.
  - 5. Burns are wounds, exclude air to relieve pain, cover with clean cloths,
- 6. Stoppage of breath, compress and expand the size of chest alternately clear mouth and throat and keep them clear.
- 7. Chest injuries limit motion of chest, place wide strip of cloth snugly around lower ribs. do not tighten.
- 8. Fractures, keep broken bone ends from moving, keep joints above and below broken ends from moving.
  - 9. Call police as soon as possible.

# CHANNEL CHATTER

K3GNM allegedly caused the 520 gang to operate 5 kc high, when a key member of that other net zero-best him --- Nels (TKQ/DYP) picking on Mason---LEM replaced filter capacitors in his 300 to get rid of the hum --- Bill, W3ITZ now has a ground plane 45' in air out at Malvern, which is translated to mean somewhere near where LNQ works and out beyond AK, on the other side of Lancaster Pike -- we gratefully acknowledge receipt of an invitation to visit the 28th National Radio and Television Exhibition at Earls Court, London, England from 22nd August to 2nd September, (except Sunday) --- K5CNT/mobile 3 (NED) visited with us for a few days and said he appreciated the many courtesies he received on Channel 1 -- YHV and GNM are appreciative of being called "boys" by YJM ---YJM visited Charlotte on a project briefly -- KJHIJ making ETA's acquaintance -- DJW complaining of hash in K3CRW's newly installed Messenger Mobile --- DYP working QCV/M from 19th and City Line with tri-band vertical --- RQZ/mobile at Springfield Memorial Day observance --- RKQ didn't recognize Pixie"s voice at the mike -- you ought to get on more, George, --- Did you know that there are nearly 100 concerns making electrical and electronic connectors?-source Barron's---The military need a low energy reliable switching device (5000 ergs maximum) capable of at least 100 reliable operations --SRU reported that K3MBF/ aero mobile worked back home on Channel 1 with 5 watts from Jacksonville --- Will fuel cells someday replace the putt-putt? -- ESB, GE and Allis-Chalmers are among those working on such power sources --- Thanks to WJUMK for the above .

K3GBA checking out his mobile mike and is now mobile again---W3K\$G is a two mobile Philmonter---W3TVD and K3CJC dropped us a line say they could make the picnic on 9 July but not on the 16th.---Gil, W3SRU also took time out to drop us a line and included the May and June issues of the "3-W Scribbler" a very well done citizens band paper, thanks Gil---sorry I had to miss mid-month but was out of town again, I know W3DJW must have been a fine host---K3KUD sporting a new Channel one monitor QQH style---W3TW heard checking in 10 on 10, nicegoing Bob---the W3CUB's down south---W3VXN showed up at a June meeting.

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# JULY PROGRAM

For July meeting John, WJAWH, has arranged to present two very fine films. These films are in color: one is on Echo 1 Satellite and the other is on "Acutron" and Electronic time measurements. Both of these films should provide an excellent sequel to the fine program Tom Denham, WJDD, presented at the April meeting.

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DID YOU NOTICE HOW POPULAR 29.493 WAS ON FILED DAY.

**学校长校校校校校校校校校** 

PHIL-MONT TEK-NI-GRAM

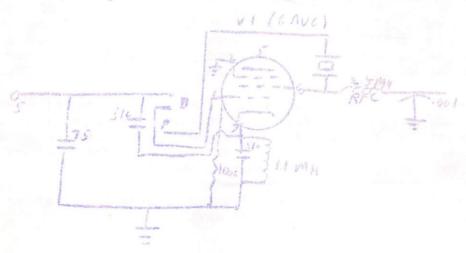
Crystal Control for the Heathkit Cheyenne

The Heathkit Cheyenie despite its size and power consumption has become a very popular mobile xmtr, and is finding substantial use in the fixed station also. One of its design defects appears to be the failure of the canufacturer to provide for xtal excitation.

Two applications for crystal controlling this xmtr are apparent,

1) to have an accurate reference frequency for net operations, e.g.

Phil-Mont, and 2) to permit outside the band operation as in WARS



nets.

All connections from pin 1 of the 6AU6 vfo tube are removed except the 100K ohm resistor to ground. An RFC is inserted between the feed-turu capacitor and pin 6 to free the screen grid and per it it to oscillate. The kual is connected between pins 1 and 6, with a slide switch operating to switch pin one from xtal to the old circuit arrange ent.

The mechanical layout is complicated by difficult remains conditions in the cramped vfo compart ent. I located the xtal projet innediately behind the tuning capacitor, and the slide switch immediately behind that and parallel to the front of the chassis. I then drilled a hole thru the top of the slide and macried a piece of piano wire, and brought this out thru the right side of the cabinet above and to the rear of the 1 e connector opening. One note of caution-- are side of the xtal societ is at a potential of 100v so turn off the right when chaning xtals.

<sup>1.</sup> My this to K3GNL for giving me this idea for the ter-ni-crar, and to Brad Martin, W3QV for working out the circuit design for me. Brad made me promise not to publish this without testing it mut. I did and it worked perfectly. This again Brad and Al.

"THE BLURB"

A PHIL-MONT MOBILE RADIO CLUB PUBLICATION 10 N. York Rosd, Willow Grove, Ps. July 1961

Return postage guaranteed Form 3547 Requested

TIME VALUE Meeting Notice

C. R. Spencer W3QQH 124 Central Ave. North Hills Pa. R